AF

Please type a plus sign (+) inside this box							
		K& II	ADE	eation Number	10/60	8,086	
TRANSMITTAL FORM (to be used for all correspondence after initial filing)			Filing Date		June 30, 2003		
			Inventor(s)		William E. RUSSELL, II et al.		
			Group Art Unit 36		3641	641	
			Exar	miner Name	Rick Palabrica		
			Atto	rney Docket Number	24GA05998-7		
ENCLOSURES (check all that apply)							
			nment Papers n Application)		After Allowance Communication to Group		
Fee Attached		Letter to the Official Draftsperson and Sheets of Formal Drawing(s)		LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims)			
Amendment		Licensing-related Papers		Appeal Communication to Group (Notice of Appeal, Brief, Reply Brief)			
After Final		Petition		Proprietary Information			
Affidavits/declaration(s)		Petition to Convert to a Provisional Application			Status Letter		
Extension of Time Request		Power of Attorney, Revocation Change of Correspondence Address		Other Enclosure(s) (please identify below):			
Express Abandonment Request		☐ Terminal Disclaimer ☐ Request for Refund					
☐ Information Disclosure Statement		CD, Number of CD(s)					
Certified Copy of Priority Document(s)		Remarks					
Response to Missing Parts/ Incomplete Application							
Response to Missing Parts under 37 CFR 1.52 or 1.53							
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT							
Firm or Individual name Harness, Dickey & Pierce, P.I		Pierce, P.L.0	C. Attorney Name Gary D. Yacura			Reg. No. 35,416	
Signature	46						
Date February 10, 2005							

(HDP Ref: 8564-000045/US/DVA)



Applicant: William E. RUSSELL et al.

Conf.:

8107

Appl. No.:

10/608,086

Group:

3641

Filed:

June 30, 2003

Examiner: R. Palabrica

For:

SYSTEM AND METHOD FOR CONTINUOUS OPTIMIZATION

OF CONTROL VARIABLES DURING OPERATION OF A

NUCLEAR REACTOR

AMENDMENT AFTER FINAL

Customer Service Window Randolph Building 401 Dulany Street Alexandria, VA 22314 **Mail Stop AF**

February 10, 2005

Sir:

In reply to the Final Office Action dated November 10, 2004, the following amendments and remarks are submitted. In view of these, Applicants request reconsideration and further examination culminating in a Notice of Allowability.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 5 of this paper.